

Carcinoma of the Urethra Histopathology Reporting Guide

Urethrectomy Specimen



Family/Last name

Date of birth

Given name(s)

Patient identifiers

Date of request

Accession/Laboratory number

Elements in **black text** are REQUIRED. Elements in **grey text** are RECOMMENDED .

[SCOPE OF THIS DATASET](#)

CLINICAL INFORMATION

Previous history of urinary tract disease or distant metastasis (select all that apply)

- Information not provided
- Non-invasive papillary
- Invasion into lamina propria
- Other, *specify*
- No previous history
- Carcinoma in situ, flat
- Muscle invasive disease
- Distant metastasis

Previous therapy (select all that apply)

- Information not provided
- No previous therapy
- Bacillus Calmette-Guerin (BCG)
- Chemotherapy, intravesical, *specify*

- Chemotherapy, systemic
- Radiation therapy
- Other, *specify*

Other clinical information, *specify*

OPERATIVE PROCEDURE

- Not specified
- Urethrectomy, partial
- Urethrectomy, complete
- Urethrectomy with cystectomy
- Urethrectomy with cystoprostatectomy
- Urethrectomy with penectomy
- Other, *specify*

ADDITIONAL SPECIMENS SUBMITTED

- Submitted, *specify*
- Not submitted

TUMOUR FOCALITY

- Unifocal
- Multifocal
- Cannot be assessed, *specify*

MAXIMUM TUMOUR DIMENSION

- Cannot be assessed
- No macroscopically visible tumour

Maximum tumour dimension (largest tumour)

Additional dimensions (largest tumour)

x

MACROSCOPIC TUMOUR SITE (select all that apply)

- Indeterminate
- No macroscopically visible tumour

Male

- Penile
- Bulbomembranous
- Prostatic

Female

- Anterior
- Posterior

- ↓
- Diverticula
 - Other, *specify*

MACROSCOPIC EXTENT OF INVASION (select all that apply)

- Cannot be assessed
- No macroscopically visible tumour
- Non-invasive tumour visible
- Invasion into muscular wall
- Invasion into corpus spongiosum
- Invasion into corpus cavernosum
- Invasion into anterior vaginal wall
- Invasion into prostatic tissue
- Invasion into periprostatic tissue
- Involvement of other adjacent structures, *specify*

BLOCK IDENTIFICATION KEY

(List overleaf or separately with an indication of the nature and origin of all tissue blocks)

HISTOLOGICAL TUMOUR TYPE

(Value list from the WHO Classification of Tumours of the Urinary System and Male Genital Organs (2016))

- Urothelial carcinoma
- Squamous cell carcinoma
- Adenocarcinoma
- Tumours of Müllerian type
 - Clear cell carcinoma
 - Endometrioid carcinoma
- Neuroendocrine tumour
 - Small cell neuroendocrine carcinoma
 - Large cell neuroendocrine carcinoma
- Other, *specify*

Histological sub-type/variant (urothelial carcinoma)

- Not identified
- Present, *specify sub-type/variant and percentage*
(select all that apply)

- | | | | | | |
|--|---|------------------------|---|---|------------------------|
| <input type="checkbox"/> Squamous | ⇒ | <input type="text"/> % | <input type="checkbox"/> Micropapillary | ⇒ | <input type="text"/> % |
| <input type="checkbox"/> Glandular | ⇒ | <input type="text"/> % | <input type="checkbox"/> Plasmacytoid | ⇒ | <input type="text"/> % |
| <input type="checkbox"/> Nested | ⇒ | <input type="text"/> % | <input type="checkbox"/> Sarcomatoid | ⇒ | <input type="text"/> % |
| <input type="checkbox"/> Other, <i>specify</i> | | <input type="text"/> | ⇒ | | <input type="text"/> % |

NON-INVASIVE CARCINOMA (select all that apply)

- Not identified
- Indeterminate
- Carcinoma in situ, flat
 - Focal
 - Multifocal
- Papillary carcinoma, non-invasive
- Other, *specify*

ASSOCIATED EPITHELIAL LESIONS

- Present, *specify*
- Not identified

HISTOLOGICAL TUMOUR GRADE

- Not applicable
- Cannot be determined

Urothelial carcinoma

- Low-grade
- High-grade
- Other, *specify*

Squamous cell carcinoma or adenocarcinoma

- GX: Cannot be assessed
- G1: Well differentiated
- G2: Moderately differentiated
- G3: Poorly differentiated
- Other, *specify*

MICROSCOPIC EXTENT OF INVASION (select all that apply)

- Cannot be assessed
- No evidence of primary tumour

Primary tumour (male and female) (excluding urothelial carcinoma of prostate)

- Non-invasive papillary
- Carcinoma in situ
- Tumour invades subepithelial connective tissue
- Tumour involves adjacent structures
 - Prostatic stroma
 - Corpus spongiosum
 - Periurethral muscle
 - Corpus cavernosum
 - Extra prostatic extension
 - Anterior vagina
 - Bladder neck
 - Bladder wall
 - Rectum
- Other, *specify*

Urothelial carcinoma of the prostate

- Carcinoma in situ, involvement of the prostatic urethra
- Carcinoma in situ, involvement of the prostatic ducts
- Tumour invades urethral subepithelial connective tissue
- Tumour invades prostatic stroma
- Extra prostatic extension
- Tumour involves adjacent structures
 - Corpus spongiosum
 - Periurethral muscle
 - Corpus cavernosum
 - Bladder neck
 - Bladder wall
 - Rectum
- Other, *specify*

LYMPHOVASCULAR INVASION

- Not identified
- Present
- Indeterminate

MARGIN STATUS

- Cannot be assessed
- Not involved
- Involved

Involved carcinoma (select all that apply)

- Distal
- Proximal
- Deep soft tissue
- Other, *specify*

Carcinoma in situ/non-invasive high-grade urothelial carcinoma (select all that apply)

- Distal mucosal
- Proximal mucosa
- Other, *specify*

REGIONAL LYMPH NODE STATUS 

No regional nodes submitted

Not involved
 ▼ Number of lymph nodes examined

Involved
 ▼ Number of lymph nodes examined

Number of positive lymph nodes

Number cannot be determined

Extranodal spread
 Present Not identified

Size of largest metastasis mm

Location of involved lymph nodes, *specify*

COEXISTENT PATHOLOGY 

Present, *specify* None identified
 ▼

ANCILLARY STUDIES 

Not performed

Performed, *specify*
 ▼

HISTOLOGICALLY CONFIRMED DISTANT METASTASES 

Not identified

Indeterminate

Present, *specify site(s)*
 ▼

PATHOLOGICAL STAGING (AJCC TNM 8th edition)** **TNM Descriptors** (only if applicable) (select all that apply)

- m - multiple primary tumours
- r - recurrent
- y - post-therapy

Primary tumour (pT)**Male penile urethra and female urethra**

- TX Primary tumour cannot be assessed
- T0 No evidence of primary tumour
- Ta Non-invasive papillary carcinoma
- Tis Carcinoma in situ
- T1 Tumour invades subepithelial connective tissue
- T2 Tumour invades any of the following: corpus spongiosum, periurethral muscle
- T3 Tumour invades any of the following: corpus cavernosum, anterior vagina
- T4 Tumour invades adjacent organs (e.g. invasion of the bladder wall)

Prostatic urethra

- Tis Carcinoma in situ involving the prostatic urethra or periurethral or prostatic ducts without stromal invasion
- T1 Tumour invades urethral subepithelial connective tissue immediately underlying the urothelium
- T2 Tumour invades the prostatic stroma surrounding ducts either by direct extension from the urothelial surface or by invasion from prostatic ducts
- T3 Tumour invades the periprostatic fat
- T4 Tumour invades other adjacent organs (e.g. extraprostatic invasion of the bladder wall, rectal wall)

Regional lymph nodes (pN)

- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1 Single regional lymph node metastasis in the inguinal region or true pelvis [perivesical, obturator, internal (hypogastric) and external iliac], or presacral lymph node
- N2 Multiple regional lymph node metastasis in the inguinal region or true pelvis [perivesical, obturator, internal (hypogastric) and external iliac], or presacral lymph node

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